

## Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

### ***Counties with Published Soil Surveys***

Technical soil descriptions are located in the county soil survey descriptive legend.

### ***Counties without Published Soil Surveys***

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

*This section includes:*

- **(a) Classification of the soils**

Henry County, Missouri  
Classification of the Soils

(An asterisk in the first column indicates a taxadjunct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
BARCO-----	Fine-loamy, mixed, thermic Mollic HapludalFs
BOLIVAR-----	Fine-loamy, mixed, thermic Ultic HapludalFs
CHEROKEE-----	Fine, mixed, thermic Typic AlbaqualFs
COWETA-----	Loamy, siliceous, thermic, shallow Typic Hapludolls
*CRELDON-----	Fine, mixed, mesic Mollic FragiudalFs
*CRIDER-----	Fine-silty, mixed, mesic Typic PaleudalFs
DEEPWATER-----	Fine-silty, mixed, thermic Typic Argiudolls
ELDON-----	Clayey-skeletal, mixed, mesic Mollic PaleudalFs
GASCONADE-----	Clayey-skeletal, mixed, mesic Lithic Hapludolls
GOSS-----	Clayey-skeletal, mixed, mesic Typic PaleudalFs
HARTWELL-----	Fine, mixed, thermic Typic Argialbolls
LIGHTNING-----	Fine, mixed, thermic Chromic Vertic EpiaqualFs
MANDEVILLE-----	Fine-loamy, mixed, mesic Typic HapludalFs
MULDROW-----	Fine, mixed, thermic Typic Argiaquolls
*NEWTONIA-----	Fine-silty, mixed, thermic Typic Paleudolls
NORRIS-----	Loamy, mixed, acid, mesic, shallow Typic Udorthents
OSAGE-----	Fine, smectitic, thermic Vertic Haplaquolls
QUARLES-----	Fine, mixed, thermic Mollic OchraqualFs
ROSELAND-----	Loamy-skeletal, mixed, thermic Umbric Dystrochrepts
*SNEAD-----	Fine, mixed, mesic Aquic Hapludolls
SUMMIT-----	Fine, smectitic, thermic Vertic Argiudolls
URICH-----	Fine-silty, mixed, thermic Typic Argiaquolls
VERDIGRIS-----	Fine-silty, mixed, thermic Cumulic Hapludolls